

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: "OPTICAL NETWORK SUBSCRIBER ACCESS ARCHITECTURE", the specification of which:

(X only one) (a) X is attached hereto.
(b) _____ was filed as U.S. Patent Application No. _____ on _____, 20____, and was amended on _____, 20____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I hereby acknowledge the duty to disclose to the Office all information known to me to be material to the patentability of this application as defined in 37 CFR § 1.56, including, for a continuation-in-part application, material information which became available between the filing date of the prior application and the national or international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate, under 35 U.S.C. § 365(a) of any international application(s) designating at least one country other than the United States, or under 35 U.S.C. § 365(b) of any foreign application(s) for patent or inventor's certificate or any international application(s) designating at least one country other than the United States, listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any international application(s) having a filing date before that of any application on which priority is claimed:

Application No.	Country	Filing Date (MM/DD/YY)	Priority Claimed?
-----------------	---------	---------------------------	----------------------

_____	_____	_____	
_____	_____	_____	

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date (MM/DD/YY)
-----------------	---------------------------

<u>60/247,054</u>	<u>11/13/2000</u>
-------------------	-------------------

I hereby claim the benefit under 35 U.S.C. § 120 of any United States non-provisional application(s) listed below:

Application No.	Filing Date (MM/DD/YY)	Status (Patented, Pending, Abandoned)
-----------------	---------------------------	--

_____	_____	
_____	_____	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint: Thomas E. Anderson, Registration No. 37,063; Thomas J. Scott, Jr., Registration No. 27,836; Stanislaus Aksman, Registration No. 28,562; Jennifer A. Albert, Registration No. 32,012; David E. Baker, Registration No. 42,285; Carl L. Benson, Registration No. 38,378; Scott D. Balderston, Registration No. 35,436; Brian M. Buroker, Registration No. 39,125; Christopher C. Campbell, Registration No. 37,291; Robin C. Clark, Registration No. 49,050; David D'Zurilla, Registration No. 36,776; Patrick A. Doody,

Registration No. 35,022; Kevin T. Duncan, Registration No. 41,495; Nancy Flint, Registration No. 46,704; Ozzie Farres, Registration No. 43,606; Christopher J. Forstner, Registration No. 46,049; Paramita Ghosh, Registration No. 42,806; Charles F. Hollis, Registration No. 40,650; David Huntley, Registration No. 40,309; Nancy J. Jensen, Registration No. 45,913; Herbert V. Kerner, Registration No. 42,721; Jonathan D. Link, Registration No. 41,548; J. Michael Martinez, Registration No. 31,178; David H. Milligan, Registration No. 42,893; James R. Miner, Registration No. 31,178; Devin S. Morgan, Registration No. 45,562; Kerry Owens, Registration No. 37,412; Michael Phelps, Registration No. P-48,654; Andrew J. Ririe, Registration No. 45,979; Robert M. Schulman, Registration No. 31,196; Stephen T. Schreiner, Registration No. 43,097; Stuart I. Smith, Registration No. 42,159; Yisun Song, Registration No. 44,487; Henry C. Su, Registration No. 37,738; Scott Yarnell, Registration No. 45,245, all of the firm **Hunton & Williams**, 1900 K Street, NW, Washington, DC 20006, as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application, and any provisionals, continuations, continuations-in-part, divisionals, appeals, reissues, substitutions, re-examinations, and extensions thereof, and to transact all business in the United States Patent and Trademark Office connected therewith, to appoint any individuals under an associate power of attorney, and to file and prosecute any international patent application based thereon before any international authorities.

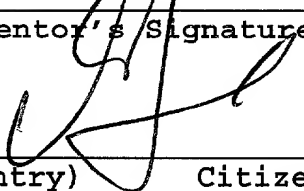
Please address all correspondence and direct all telephone calls to:

Thomas E. Anderson
Hunton & Williams
1900 K Street, N.W.
Washington, D.C. 20006-1109
telephone (202) 955-1500
facsimile (202) 778-2201

NAMED INVENTOR(S):

1	Full Name	Inventor's Signature	Date
	Christopher M. Skarica	<i>Chris Skarica</i>	<i>July 26/2001</i>
	Residence (city, state, country) Citizenship 883 Scheel Drive, RR 2, Canada Arnprior, ON, Canada K7S 3G8 Post Office Address (include zip code) Same as residence		

2	Full Name	Inventor's Signature	Date
	Barry C. E. Pratt	<i>Barry Pratt</i>	<i>July 26, 2001</i>
	Residence (city, state, country) Citizenship 57 Fair Oaks Crescent, CANADA Neapean, ON Canada K2G 4W3 Post Office Address (include zip code) Same as residence		

3	Full Name	Inventor's Signature	Date
	Oscar Danieli		03AUG01
	Residence (city, state, country) Citizenship 42 Magnolia Crescent CANADA Grimsby, ON, CANADA L3M 5N1		
	Post Office Address (include zip code) Same as residence		

4	Full Name	Inventor's Signature	Date
	Norman G. Provan		
	Residence (city, state, country) Citizenship 32 Huntsman Crescent CANADA Kanata, ON, Canada K2M 1C4		
	Post Office Address (include zip code) Same as residence		

3	Full Name	Inventor's Signature	Date
	Oscar Danieli		
	Residence (city, state, country) Citizenship 42 Magnolia Crescent CANADA Grimsby, ON, CANADA L3M 5N1		
	Post Office Address (include zip code) Same as residence		

4	Full Name	Inventor's Signature	Date
	Norman G. Provan	<i>Norman G. Provan</i>	26 JUL 2001
	Residence (city, state, country) Citizenship 32 Huntsman Crescent CANADA Kanata, ON, Canada K2M 1C4		
	Post Office Address (include zip code) Same as residence		